

# Task 3

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For MLP Regression, we observe that we get very close values of training and validation losses. The graphs don't look very nice as due to some hyperparameters the model is giving nan as output and hence the high values of losses for some hyperparams. To find the best hyper-param, val loss has been taken into account.

The final best hyper-parameters we obtain are -

Learning Rate = 0.01

⋮ Epoch = 1000

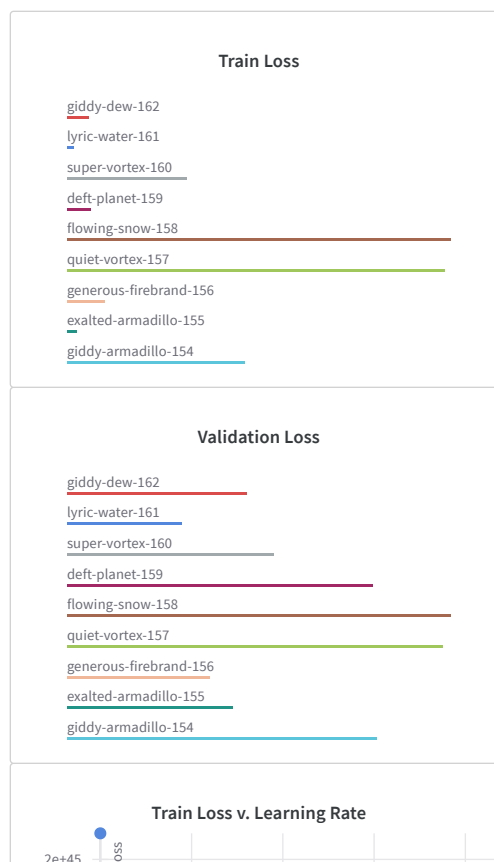
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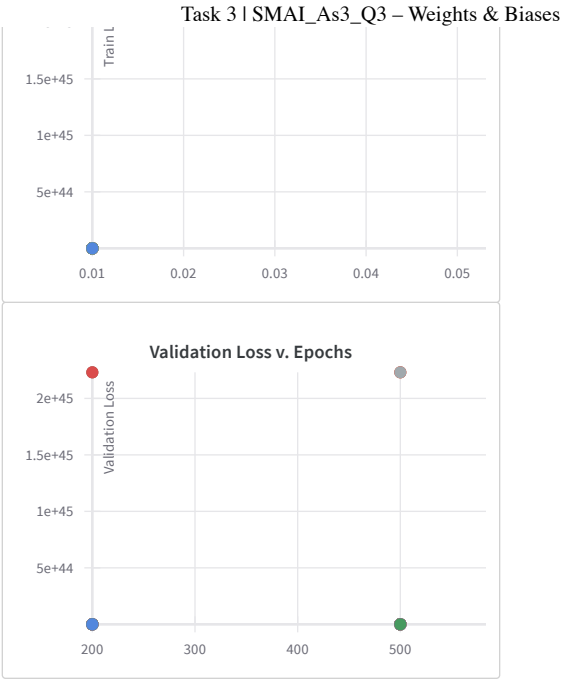
Neurons = [6, 6]

Activation function = Relu

Optimizer = Batch

## ▾ Section 1





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